

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Ahlgren@NCSBSR020U.ntc.nokia.com (Ahlgren Jukka (NTC/BS-OU))  
Subject: [1204] 240uW TX?  
Message-ID: <1996Jul18.080956.1604.184135@ntcit-mmta7.ntc.nokia.com>

Last weekend I was in the Finnish amateur radio league's annual summer camp. I didn't have any portable rigs ready (all of my qrp equipment are under construction), but I still wanted to work the official camp stations OI6AI and OI6T. So at the evening before the camp I built a simple crystal oscillator tuned to 80m band. I used my Sony ICF-SW7600 portable receiver and a 20m long wire as an antenna. Yes, I worked the stations.

Today, at work, I measured the output power of the "rig" with a spectrum analyzer. Well, -6.2 dBm, which means about 240 uW! Isn't this QRPp (hi)? Harmonics attenuation was 28.8 dB and harmonic signals were found even on 51 MHz... I didn't find any power meter, which goes as low as 3.6 MHz (I work with cellular base stations, hi), so I couldn't measure the power that way.

BTW, Has anyone thought, that when we measure a rig's power with a normal power meter, we actually measure a sum of the wanted signal AND all the harmonics! Well, actually, if the harmonics attenuation of the rig is 30 dB, it means the harmonic signals are less than 1/1000 of the wanted signal, so they have no particular effect to measurement results.

My NE30-40 is still under construction. The components on the self-designed board are almost assembled, but haven't got time to finish the project.

73 de Jukka OH6SC/OH8NGF

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Jason Nathaniel Artz <jartz@umich.edu>  
Subject: [1233] 40-9er Question...  
Message-ID: <Pine.SOL.3.91.960718124854.16213A-1000000@centipede.rs.itd.umich.edu>

I am new to homebrewing/kit building/and HF ham radio in general. I'm looking to build something small and simple to use for CW contacts when I leave home for school again. I will be living in a huge dorm building, on

the bottom floor, so putting up a permanent antenna will not be possible. I was thinking of building the 40-9er and using it outdoors with either a dipole antenna or a longwire antenna w/a homebrew tuner. Our school has antennas as well - I think they have a 40m dipole and a 20m beam. I don't know for sure if they're up, though.

I have built 80m xtal oscillators and similar things, but I don't yet have the knowlege to do a lot of circuit modifications on my own. My questions are: Can the 40-9er be easily modified to operate on 20m? I ask this because I could use a shorter antenna. Also, are there modifications to increase its output power, to maybe 1 or 2 watts? The rig sure looks cute and fun to build.

Thanks and 73 (not yet 72),  
Jason Artz  
ke6mhv

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Dennis Terribile <wr4i@nando.net>  
Subject: [1239] ARGO II step\_attenuator  
Message-ID: <199607152025.QAA21887@parsifal.nando.net>

Hi All..

Ran across this gem on a 'used equip' list of a ham vendor and knowing how hard these little accessories are to find thought I'd post it here. Hope this is not against 'the rules' of this list as its not a personal item. Used to own the Argo II and always wanted this gadget! But after paying the hefty \$ for the rig, there was none left for 'gadgets'..hi! Guess I should add a 'not connected in anyway' statement,etc. Anyhow, hope someone finds this useful.

72,Dennis,WR4i

PS Sure miss my ARGO II. It was NOT worth trading for the QRP+. Lesson learned...the hard way!

<http://www.evansville.net/~hamstat/used.txt>

>290 STEP ATTENUATOR for argo II 25.00

wr4i@nando.net

Chapel Hill, N.C.

..life is too short to spend in front of a TV. Get on your PC instead :)

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: KT3A@aol.com  
Subject: [1245] ARS Contests - Ant Cat  
Message-ID: <960718193139\_364202887@emout10.mail.aol.com>

Russ,

I'm full of ideas and wonder if this one will fly.  
I'm enjoying the ARS Sprints. But, how about  
an antenna category? Here's how it would work.

We have to add the total station together to include  
battery and accessories. What about the antenna  
weight? We have lightweight rigs, now we need the  
light antenna. This is for the those field antennas.

Using magnet wire and RG-172, you could get the  
weight down. It may help us antenna challenged  
folks too. Just an idea. What do you think?

72 and serious, cameron, kt3a ARS #6

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Tony Fishpool <101573.3220@compuserve.com>  
Subject: [1220] Baseball Caps  
Message-ID: <960718135517\_101573.3220\_IHK63-1@CompuServe.COM>

Recently Rick WQ8Q posted:-

>And the final thought, and this may be an indicator of things to come:  
>At Dayton this year, Alinco's free baseball caps were much better  
>quality than Yaesu's!

There was so much to look at that I missed the free Alinco hats. I did however  
visit Yaesu's stand a lot! I went home with about a dozen hats to hand round at  
my radio club. I wonder, what's the record for the most hats (or other freebies)

boosted from Dayton?

Allen, K9DZE and others have commented that attendance was down this year  
and there was me thinking that half of America was there (or so it seemed to  
a first timer from over the pond).

Regards  
Tony - G4WIF

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: RAY TOUGAS <RAYT@eftc.com>  
Subject: [1249] Better Packaging For 'Wilderness' Type Radios.  
Message-ID: <s1ee9c2b.069@eftc.com>

Home Address: tru\_blu@omn.com

de Radio-Ray/N0EKU

----- RIG.TXT follows -----

I've been following with interest the discussions about changing the ergonomics of our 'wilderness' type radios. It was accurately noted, that though many of us are primarily interested in outdoor activities, and bring radios along with us to the wilderness, our radios are designed to be operated at home, on a shelf at eye level.

I have a radio which was built in the 60's for use by Special Forces and CIA types who are on the move. Though the technology is 30 years old, I often camp with my PRC-64 simply because it was designed for operations in the bush. Here are some of the features that it has which we might want to incorporate into our 'wilderness' gear.

1. The rig in it's carrying pouch is entirely self contained. The pouch contains the radio, antenna kit and monofilament line (50 lb.) to get the antenna into the trees.
2. ALL operating controls, connectors etc. are located on the top panel.
3. The top panel has a gasketed lid which completely encloses the top panel, protecting the delicate controls. The lid latches closed and is dust and water tight.
4. There is a battery cut-out switch so that when you close the lid, the radio is off NO MATTER WHAT. No dead batteries because you forgot to turn it off.
5. There is a built in key on the top panel.
6. The batteries are inside of the radio, but easy to remove/change. Access is FROM THE TOP PANEL. Note: I keep my batteries inside of my parka/sleeping bag during winter camping trips. Under V E R Y cold

conditions I keep the entire radio inside of my sleeping bag all night. Cold weather can cripple some types of batteries.

7. The radio case is smooth, all corners are rounded so as to not cut, tear & chafe the camping gear it is packed with; or me!
8. The rig has a simple, internal antenna tuner with indicator.  
(I often make my skeds using just a slant wire in a tree against a quarter wave counterpoise - Army style. In a pinch the tuner will allow you to make your contacts using a barbed wire fence if this is all that you have.)
9. In addition to a standard antenna connector such as a BNC, install binding posts in parallel with the antenna connector for connecting directly to wire antennas.
10. My earphones are stored inside of a small enclosure in the radio.
11. I wired the battery harness to allow me to keep the receiver running while I use the solar panel to top off the batteries. Since I used four 6 volt gel cells to power the radio, I can use my charging harness to charge the batteries from any source that is above about 7.5 volts. This can be either my solar panel or the jeep battery.

One item which I would add would be an internal speaker. My spy radio does not have a speaker, for obvious reasons. I always use headphones. Never disturb others with your radio "noise", BUT if the phones are lost or damaged, an internal speaker - even a poor one would allow you to make your contacts. It can be a good way to share your radio contacts with your camping friends if they are interested, especially on those loooooong winter nights, when my camp mates are staring at the walls, and I'm listening to the BBC!

Our modern electronic components and designs are GREAT! So now let's incorporate them into a physical package which suits the needs of outdoor adventurers. If I had to leave tonight on short notice, this is the radio I'd grab. I know that everything is in the bag, and that the radio would survive the trip.

From: "Ed Manuel" <n5em-qrp@msn.com>  
Subject: [1221] Bugs  
Message-ID: <UPMAIL06.199607181413200152@msn.com>

Again, I want to express my sincere appreciation to the NE QRP Club for their donation of a Vibroplex Bug to the Dayton QRP Banquet as grand prize (and not just because I was lucky enough to win it). I have gotten my buggy fist back and am truly enjoying it. I am sure those who have worked me in the last couple of weeks noticed that my CW was not coming from a keyer. On second thought, maybe you didn't notice :-)

It has really taken me back. Definitely not something you want to use on the Spartan Sprint (3+ lbs.) but I like the expressiveness it puts back into CW. Apologies to those who like their CW sanitary.

72 from Houston  
Ed, N5EM

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: msdooley@rdxsunhost.aud.alcatel.com (Michael S. Dooley)  
Subject: [1224] cheap power transistors  
Message-ID: <9607181448.AA16695@collie.aud.alcatel.com>

Paul,

Your comments about buying old CB radios for parts reminded me of when I built my first NN1G (SW40) rig. I was looking at the output power with an oscilloscope and shorted the little ring around the end of the probe to the case of the final (which is hot, by the way). Well, the Colloector lead disappeared with a poof! I immediately turned to my junk box, extracted an old CB, and removed the final from it (it was an AM rig). Worked fine first time! Another time I was building an SWR bridge from a Doug Demaw column and needed som 1N34 diodes. Yep, those junk CBs have at least three or four in each one! And, as you say, these radios can be had at flea markets or garage sales for very little cash. I've paid as little as three dollars for a working 23 channel unit that cosmetically looked bad. Yep, they're cheap and a great source of parts!

Mike N5BGZ  
(former KE4PC... I'm SO vain!)

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [1205] Excess Ham Magazines  
Message-ID: <Pine.BSI.3.93.960718011035.14906C-100000@u1.abs.net>

John, N5INZ asked if anyone would be interested in a large collection of ham magazines. Some one near him is donating them to him and he would rather pass them on to someone who can use them rather than feed them to the dumpster :-(

I thought about the Proposed Ukrianian QRP Club and Andy, UT5GM.

I forgot to jot down John's email address when I was scanning the digest. Hence, I cc this to the list and you fellows. John, This wonderful group has plans too ship Ham magazines and books to the Ukraine. I am sure they can help you. They are working on developing a plan for the project, even as we speak.

Just goes to show that this group has all the answers :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996

From: gmdsr@vivanet.com

Subject: [1248] FAR Circuit's Webpage

Message-ID: <31EEE384.7B77@vivanet.com>

Fred at FAR Circuits now has a webpage! Check out:

<http://www.cl.ais.net/farcir/>

It appears that his extensive list of boards and services is there to peruse.

-----  
73 for now.

- Gary N2JGU

gmdsr@vivanet.com

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996

From: msdooley@rdxsunhost.aud.alcatel.com (Michael S. Dooley)

Subject: [1213] ham mags

Message-ID: <9607181324.AA16667@collie.aud.alcatel.com>

John,

Where are you and Jimmy at? I'm sure we can find someone here in 5 land who can help divert those mags from the dumpster to a ham shack! Like... I'll take some of them!

Mike N5BGZ

PS I'm in North Dallas.

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: "Michael Gipe" <MichaelGipe@msn.com>  
Subject: [1232] homebrew crystals  
Message-ID: <UPMAIL06.199607181654570627@msn.com>

The thread so far:

On Thursday, July 18, 1996 9:11 AM, Mike  
Cloud[SMTP:cloudm@mhsgate.meth-mem.org] wrote:

>>

>> From: Kevin Muenzler <wb5rue@amsat.org>

>>

>>Dig 'em out of the ground, eh? How about those of us who have to melt  
>>down sand to make our own crystals? I've had rigs that looked like Fred  
>>Flinstone

>>built them! You know the type, made out of wood and stone with

>>animal-skin

>>covers.

>>

>>Kevin, WB5RUE

>HI HI, hope you used a solar powered oven in the true spirit of QRP, hi hi.  
>cul de Mike, KR4IT

>Nope, no solar power here! In my area I have lots of hickory, oak and  
>mesquite trees.

>I had to walk about six miles the last time my pilot light went out! Last  
>time I made

>a 40 meter crystal it too three weeks! Usually I just wait or lightning to  
>strike the sand

>out here but since it hasn't rained since about October I've had to resort to  
>mesquite

>wood fire, using a carved square area in a piece of oak as the crystal form.

>Kevin, WB5RUE

Heck, out here in California, we take the field day set-up rules seriously.  
We head down to the beach with a bucket, a magnifying glass, and a bottle of  
homebrew chardonnay. Precisely at 10:00 AM local time, we use the magnifying  
glass to melt the sand to make our own transistors so we can build a radio to  
use for field day. The chardonnay is necessary because it is frequently  
cloudy here at the beach until noon (and the empty bottle makes a good coil  
form).



.... ..  
Mike AG1H

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: 18-Jul-1996 1500 <randolph@pnr.ENET.dec.com>  
Subject: [1238] Intro to RF Design software  
Message-ID: <9607181910.AA07722@us4rnc.pko.dec.com>

QRPers,  
Any of you using the programs that come with Wes Hayward's "Intro to Radio Frequency Design" book?  
In playing around with the CASCADE program, there seems to be a bug...  
Enter in a two stage system. Make the first stage an attenuator by setting G to -25, IP3 to +90, NF to +24. Make the second stage an amp with G of +75 or more, IP3 of anything, NF of anything. The system IP3 doesn't make any sense... the input intercept should be the output intercept of the amp, minus the gain of the amp, plus the attenuation of the first stage. It's not - it's always some small negative number.  
I might drop Wes a note and see if he knows about this...  
-Tom Randolph N100Q randolph@est.enet.dec.com

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Charles Cashion <sun1055!ccashion@uunet.uu.net>  
Subject: [1217] latitude/longitude  
Message-ID: <9607181353.AA07216@sun1055.spd.dsccc.com>

Buckmaster will give the Lat/Long of your town center. Given the distance from there to your residence, what is the conversion factor from miles/miles into Lat/Long?  
Thanks,  
Charles Cashion, W5ISZ

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: penc@elan.mrwo.mcgill.ca  
Subject: [1212] Length of digests  
Message-ID: <9607181323.AA24700@elan.mrwo.mcgill.ca>

I don't know if anyone else has this problem but.... Lately the digests have been very long. Files > 100,000 bytes. However, the DOS editor does not handle files this large, so I must take it into kedit or some other editor

in order to read the digests.

Have any of the list administrators thought of breaking these up into smaller portions? Does any one else have this problem? For example, today's digest had some > 90 postings to this group. I read them all (browsing over those topics of lesser interest) and save some of them for future reference.

Rich WK2A

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Doug Hendricks <ki6ds@mail.telis.org>  
Subject: [1225] QRP at Fort Tuthill Hamfest  
Message-ID: <199607181547.IAA16381@mail-01.telis.org>

Guys, I will be at the Fort Tuthill Hamfest in Flagstaff on Fri., Sat. and Sunday. Do you want to get together for dinner on Friday evening? What we need is someone who knows the area and could suggest a restaurant. Buffets and pizza parlors have worked well in the past. Please send email with your suggestions for a place and I will post to the list. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: "Michael Gipe" <MichaelGipe@msn.com>  
Subject: [1226] QRPP  
Message-ID: <UPMAIL06.199607181555210835@msn.com>

>From last week's episode:

> WHAT IN THE WORLD IS QRPP? Is it a magazine? flyer?  
> >>  
>QRPP is an unofficial Q-signal for low power operation below 1 watt (QRP  
>below 5 watts, of course).  
>  
>QRPP is also the official quarterly publication of the Northern California  
>(NorCal) QRP Society.  
>  
>72  
>Ed

Just be certain that you send the second p in LOWER CASE cw. Thanks,

Mike AG1H

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: "Phil, AC6LS" <ac6ls@amsat.org>  
Subject: [1206] QRPP mailing  
Message-ID: <31EDD1E7.583@amsat.org>

OK Folks, I have received my copy of QRPP, Like I have stated before,  
I am usually the last to see it! Good Issue.  
also received the qrp quarterly around saturday, I think.

btw, I live almost 20 minutes from Dougs house, I am not complaining,  
I actually get a kick out of seeing the posts about late issues ( in  
a weird sort of way) 73

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [1229] QST TRAP DIPOLE  
Message-ID: <9606188377.AA837713425@smtpgw.ccgate.dl.nec.com>

Gang:

Has anyone tried the 4 band trap dipole antenna as  
described in the July QST?

It looks pretty easy to build and seems like it might be  
pretty unique with its dual coax trap windings.

I'm having a tough time getting a source for the RG-59  
poly coax as is needed in this design.

Any ideas on where this stuff is available??

Thanks much

73 de Dave AC5GY

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Jim Hydzik <congress@magpage.com>  
Subject: [1218] Reporting S08LLL

Message-ID: <199607181353.JAA25106@alaska.magpage.com>

Hello gang,

My trusty MFJ-9020 is back in Poland with my oldest son Jim, KA3LLL. He has been operating on & off since '92 at his in-laws house in Sanok with his issued call of S08LLL (not S zero 8). If you work or even hear him on 20 M CW, please e-mail me with the info.

TKS, and happy listening,

Jim, K3QIO Wilmington DE e-mail: congress@magpage.com

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: lhalliday@creo.bc.ca  
Subject: [1243] Re[2]: Cheap power transistors  
Message-ID: <9606188377.AA837723238@mail.creo.bc.ca>

Probably the cheapest and most widely available RF power transistor I've ever seen is the IRF510. For additional bragging rights run a couple in Class D or Class F.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: wq8q@juno.com  
Subject: [1240] Saving Netscape Images  
Message-ID: <19960718.154933.10127.1.wq8q@juno.com>

Thom LaCosta wrote:

>  
> So...what do you do in netscape to save the individual maps???  
>

It's easy to save the images on a page with Netscape . . . point your mouse to the image and press your RIGHT mouse button and a menu will come up, and one of the options is to save the image! If you save the whole page the normal way, then save all the images using the right

mouse button, IN THE SAME DIRECTORY, then when you click on the saved page, all the images load also . . . give it a try!

73 de Rick, WQ8Q

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: torell@sicom.com (Kent Torell)  
Subject: [1247] solar flux  
Message-ID: <v02130500ae1478d6b29e@[192.91.202.41]>

Today's solar weather report: quiet, with more quiet expected. Excerpt follows

-----  
SOLAR ACTIVITY WAS VERY LOW. THE VISIBLE DISK  
REMAINED SPOTLESS AND QUIET. TODAY'S PENTICTON 10.7 CM FLUX  
READING OF 64.9 IS THE LOWEST OF SOLAR CYCLE 22 AND THE LOWEST  
SINCE 1986 WHEN A READING OF 65.9 WAS RECORDED.  
-----

Kent Torell torell@sicom.com 602-483-2867 x40  
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260  
AB70A TMPS 1996 Qs=015 States=11 Confirmed=01 DX=01  
AK AZ CA CO HI ID KS OK OR TX WA  
VE

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: KT3A@aol.com  
Subject: [1246] St L Tuner Schematic - Corr.  
Message-ID: <960718193350\_364204236@emout19.mail.aol.com>

Hi!

Just a small correction to the schematic on page 10,  
of the manual.

According to assembly procedures, switches S3A and  
S3B would be on the outer lines of C5, C6 and C7, C8,  
respectively, not on the inner lines, which is actually the  
capacitor frames.

Please confirm this.

This does not change the operation. It makes a difference in the physical wiring if wired from the schematic alone. Maybe I'm just a purist. I install systems per engineered drawings. Lines are important! :)

Thanks goes to Doug, KI6DS, Chuck, K5FO, Bob WA7FCU, and Harry, KM3D for posting hints, corrections, etc.

Of course, thank you St Louis QRP Soc, and NorCal. for a fine kit.

72 de cameron, kt3a

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)  
Subject: [1209] Still no QRPP  
Message-ID: <9607181217.AA07171@aud.alcatel.com>

Still not QRPP in my mailbox... I must have really been bad. I must be on the "other" list. Hope Santa uses a different list! But I still have faith that it will arrive soon.

72/73 Dennis K3ETS, Dallas; Home of K5FO

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Kevin Muenzler <wb5rue@amsat.org>  
Subject: [1223] Strangest form of "natural" power  
Message-ID: <01I77QVJ0RIWA8CFCU@ARWEN.UTHSCSA.EDU>

Gang,

With this "discussion" of homebrew crystals I was wondering what was the strangest form of natural power that you ever used? (for real now)

Mine is "tator power." A friend and I got a strange idea of trying to use a lemon as a power source but we never could get enough current out of it, besides they were too expensive to "waist". We finally ended up using a silver/copper combination and red potatoes. It took eight potatoes to get enough voltage and current to make the rig work, even though the "QSO" was only about a mile on 40 meters.

But seriously... I was wondering about small portable generators, hand crank type. Anyone had any experiences

with them?

Kevin, WB5RUE  
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: davemed@ix.netcom.com (David Medley)  
Subject: [1235] Strangest natural power  
Message-ID: <199607181703.KAA08122@dfw-ix7.ix.netcom.com>

During WW2 there were a number of unique radios made principally by the Britts for the underground in Europe. After the war a number of these found their way into surplus stores in Australia. I had one of these (and how I wish I still had it but it was stolen years ago). This radio had as its power source a steam driven generator. This comprised a boiler about 2-3 gallons as I recall and a very neat little engine driving a 6 volt generator which was used to charge a lead acid battery. The boiler could be heated in any way including an open fire or a primus stove or whatever. The radio had an 807 in the output (cw only) and put out about 5 watts. I built a small modulator for it and had a lot of fun on AM in the portable mode.

Regards

Dave KI6QE/7 VK2IMJ

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [1208] Ten-Tec 1208 xverter noise figure  
Message-ID: <Pine.3.89.9607180631.B6943-0100000@w3eax.umd.edu>

I have found it to increase the noise to the receiver but simply dropping the RF gain on the receiver lets me hear pretty well.

Of course, consider that at 8 watts out, if you're working someone who's running 100 watts, that's about 11 db difference and thus your receive path need not be as good as the other guy's anyway.

It's not the best for weak-signal work, I suspect, but for what it is, and what it does, and how well-built it is, it's a pretty good deal.

As far as reducing the noise figure...

The mixing diodes are 1N4148s. The 6m RF preamp is a 3SK122. The post amp (14 MHz) is a J310 and "preserves the noise figure and makes up for mixer loss."

Can anyone recommend something better to try???

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 138 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Barry.P.Keating.1@nd.edu (Barry Keating)  
Subject: [1241] WTB HW-8  
Message-ID: <v02130504ae1446d7ebd7@[129.74.86.74]>

Would like to purchase HW-8 (in excellent working condition with manual).  
Please e-mail response.

Barry Keating  
WD4MSM  
keating.1@nd.edu

Barry P. Keating	Voice: (219) 631-6370
Jesse H. Jones Professor, Chairman	email: keating.1@nd.edu
Dept. of Finance and Business Economics	FAX: (219) 631-5255
226 McGlinn Hall	
University of Notre Dame	
Notre Dame, In. 46556-0399	

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Dave.Ackrill@WESTWOOD45.powergen.co.uk  
Subject: [1242] Re: Additional licensing effort for > 50W?  
Message-ID: <960718204523Z\*/G=Dave/S=Ackrill/O=WESTWOOD45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB/@MHS>

In reply to Jim, KF6CR, here are the "official" limits for the bands  
over here:-



1.810 - 1.850 MHz = 26dBW PEP NB: 26dBW is about 400 Watts

1.850 - 2.000 MHz = 15dBW PEP

3.500 - 3.800 MHz = 26dBW PEP

7.000 - 7.100 MHz = 26dBW PEP

10.100 - 10.150 MHz = 26 dBW PEP

14.000 - 14.350 = 26 dBW PEP

18.068 - 18.168 MHz = 26 dBW PEP

21.000 - 21.450 MHz = 26 dBW PEP

24.890 - 24.990 = 26 dBW PEP

28.000 - 29.700 = 26 dBW PEP

50.000 - 51.000 MHz = 26 dBW PEP

51.000 - 52.000 MHz = 20 dBW PEP (Amateurs are Secondary users only)

70.000 - 70.500 MHz = 22 dBW PEP

(Peak Envelope Power limit applies to CW as well, used to be lower limits for CW)

I could go on up the VHF bands, but that will do for a while!

BTW - The Power is to be calculated at the antenna end of the feeder, so you can run enough to overcome losses if you want to....

There are/have been some other strange power limits, for example when 50MHz was first allocated, the power limits were in dBW ERP. Given the claims, and counter claims for the various "gains" of yagis then this gave lots of scope for arguments. The new 73 KHz band limit is 0 dBW ERP (1 Watt) and the same problem comes back - How Do You Measure ERP easily? Especially give the low efficiencies of most antennas on this band!

Cheers de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996

From: 18-Jul-1996 0917 <randolph@pnx.ENABLE.dec.com>

Subject: [1216] re: Cheap power transistors

Message-ID: <9607181336.AA11796@us4rmc.pko.dec.com>

NA5N said:

> There have been some recent inquiries into where to get power  
> transistors suitable for QRP rigs. There's a nice source that  
> bears worth repeating ...  
> USED CB RADIOS!

Yep, hit a few yard/garage sales, too. I picked up two CBs (one working!) for

\$5 at one of those. Never pay more than \$5 for a CB unless it has SSB capability.

One cute thing you find in the Japanese-made ones is a little aluminum clamp that fits snugly around the 2SC799 final amp can (T0-39?), making heat sinking of that transistor real easy... It's diamond-shaped and makes the can look sort of like a T0-3.

Get a Japanese transistor spec book from MCM Electronics, and you can put all those CB transistors to work in your QRP circuits. You can also start picking up junked TVs from the curb on trash day... another great source of parts!

Don't forget, you get useful radio accessories with CBs, like the mic! The mic I'm using on my Argonaut is a refugee from one of the above yard sale CBs!

```
=====
Tom Randolph  N100Q  NE-QRP 419  QRP-L 87  ARRL      randolph@asic.enet.dec.com
=====
```

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: talljazz@teleport.com (Dan Presley)  
Subject: [1208] Re: Getting rid of static buildup  
Message-ID: <v01530502ae12efc55cd1@[206.163.124.200]>

I have a silly question in regards to the bleed-off resistors for static-are they left in line with the antenna (and/or tuner) as you're operating, or do you connect it only when not in use? Also, if left in the circuit, wouldn't it affect the resonance or tuning of the antenna?  
Thanks, Dan N7CQR

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: jgann@mindspring.com (Alvin G. Gann)  
Subject: [1227] Re: Getting rid of static buildup  
Message-ID: <199607181559.LAA10052@borg.mindspring.com>

>I have a silly question in regards to the bleed-off resistors for  
>static-are they left in line with the antenna (and/or tuner) as you're  
>operating, or do you connect it only when not in use? Also, if left in the  
>circuit, wouldn't it affect the resonance or tuning of the antenna?  
>Thanks, Dan N7CQR  
>

Dan, I use a home-made RFC to bleed static. I took a 7.5 Mohm 2 w. carbon

resistor (the first large value I found in the junk box) and made a one layer tight winding over the length of the body with 24 AWG (I think--but it might have been 26) and soldered the ends of this coil to the resistor leads. I measured the inductance (I don't remember the value) and checked that the inductive reactance is at least 1k at 40 m, the lowest band I expected to work.

I put it on my loop, which doesn't need a bleeder because it is grounded on one side, and it worked as expected. That is, it required a little tweak of the MFJ 941C tuner but otherwise is the same, no discernable change in signals.

I am putting up a long wire and have now moved the bleeder over to the feed through for the long wire. I always try to build "plumbers delight" type antennas where the elements are at DC ground. Failing that, such as a long wire, I use the type bleeder I described and don't ever remember having a static build-up. The other advantage of this type choke is it will fuze together if there is a large pulse from a near-by lightning strike, but the feed line in the shack should be shorted to ground when not in use, such as during a thunderstorm.

Good luck.

72 -- Jerry W1UI EM74ix 34 17' N 85 28' W QRP-PLUS random loop ant.  
W1UI TMPS 1996 Qs=024 States=17 Confirmed=11 DX=03  
LA PA NJ WI MN NC KY FL IN TN WA MI SC NY KS MS NE

DXCC 4/2: W PY HC XE

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Kevin Muenzler <wb5rue@amsat.org>  
Subject: [1236] RE: homebrew crystals  
Message-ID: <01I77VQWQN10A8CFCU@ARWEN.UTHSCSA.EDU>

On Thursday, July 18, 1996 11:52 AM, Michael Gipe[SMTP:MichaelGipe@msn.com] wrote:  
>Precisely at 10:00 AM local time, we use the magnifying  
>glass to melt the sand to make our own transistors so we can build a radio to  
>use for field day.  
>.... ..  
>Mike AG1H

I guess in a real pinch up could use some that SPF-15 sunblock as a dope for the silicon. Or maybe ask some of the other beach-goers for some real dope.

:)

Kevin, WB5RUE

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Gary Surrency <gsurrenc@ix.netcom.com>  
Subject: [1201] Re: HW-16  
Message-ID: <31EDBFE9.5812@ix.netcom.com>

Dan Goodwin wrote:

>  
> Hi All,  
>  
> One of the guys at work just gave me a Heath HW-16. Does anyone know what  
> the power output is?  
>  
> 73, Dan----SNIP----

Yeah, it's adjustable from 50 to 90 watts input. Uses a 6GE5  
sweep tube final, 3 tube transmitter, full break-in keying.  
Cost \$99.50 and manufactured from 1967-1976.

This data from the book "HeathKit, A Guide to the Amateur Products"  
by Chuck Penson, WA7ZZE. Pub. by Electric Radio Press. THE source  
for lots of Heath data.  
72,73  
--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix) Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: [1234] Re: latitude/longitude  
Message-ID: <96Jul18.130154-0400edt.65558-14099+153@hooch.CC.Lehigh.EDU>

> Buckmaster will give the Lat/Long of your  
> town center. Given the distance from there  
> to your residence, what is the conversion  
> factor from miles/miles into Lat/Long?

Charles,

Add/subtract (0.869\*miles) minutes of latitude north/south of the town  
center.

Add/subtract  $(0.869 \times \text{miles} / \cos(4 \times \text{latitude} \times \text{atn}(1)/180))$  minutes of longitude west/east of the town center.

73  
Jim N3VXI

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: "Ted Kell" <tkell@130.253.192.68>  
Subject: [1214] Re: Looking for a replacement st. key  
Message-ID: <9607181333.AA01530@nyx.net>

Well, thanks for the responses about straight keys. I have sent off for an AES catalog and will take a look at the Nye Viking line of keys. Other than the Kent, I wasn't aware of any currently being made.

Thanks again,

Ted KC5CUW

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: wq8q@juno.com  
Subject: [1244] Re: NW 80/20  
Message-ID: <19960718.185433.10127.3.wq8q@juno.com>

As a recent purchaser of Dan's NW 80/20 kit, and having had correspondence with some who have talked with Roy Gregson, the difference appears to be that Dan is offering a slightly older version of the kit with Audio Filter and RIT, and now apparently Roy Gregson is offering a kit with a variable filter . . . and the difference also appears to be about \$ 40.00 as in \$59.00 for Dan's kit, and \$ 100.00 for Roy's.

Got most of it built . . . sidetracked as I had to clear the workbench of electronics parts to make way for a piano action to rebuild . . . got to make a living :-)

73 de Rick, WQ8Q  
Cincinnati

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Ahlgren@NCSBSR020U.ntc.nokia.com (Ahlgren Jukka (NTC/BS-OU))

Subject: [1207] RE: Pricey Ham Gear vs Home Brew  
Message-ID: <1996Jul18.093346.1604.184409@ntcit-mmta7.ntc.nokia.com>

A couple of thoughts came into my mind when reading those mail messages considering whether the rig should be a top-performer or not:

Well, when a QRP'er gets a QSO to a rare country, through a massive pile-up, he should remember, that the other end surely needs a very good receiver, such as, for example, an expensive YaeComWood. I have quite a lot experience in working on a pile-up station, and can't imagine, that I had a moderate radio in use when listening to kilowatt stations calling one on the other (and never listening...) and trying to hear also weaker signals (for example QRP'ers). So there are people, who still need those top-class rigs. If you ever have worked with FT-1000 in an extreme situation, you know what I'm talking about.

My own station has always been moderate. My first receiver was a finnish-made 8-tube amateur rx. Then I had an Uniden 2020 and nowadays I use an old Icom IC-701, without crystal filters! I have been satisfied, since I haven't worked contest winning in my mind. I've worked all the stations, which would be workable with any top-class rig, so I don't need such a "Rolls-Royce" in my own shack. I have considered an IC-706 to be my next radio, because it's cheap, satisfactory in performance, goes QRP, and I can take it with me where ever I go. But before that, I'll finish my QRP projects!

73, Jukka OH6SC/OH8NGF

### The best CW filter is between the ears! ###

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Art Searle <asearle@netusa.net>  
Subject: [1224] Re: QRP and Grid Squares/ QTH Locations new server  
Message-ID: <31EE8414.27AE@netusa.net>

Thom LaCosta wrote:

>  
> So...what do you do in netscape to save the individual maps???  
>

When I cannot save a graphic in Netscape that I want to keep, I use a capture program. I use Paint Shop Pro, not to be confused with MS Paint. This program can capture any image and it has the ability to convert any image to any other format. I have yet to find an image that it cannot load. A program like this is a necessity for any serious (or should that read delirious) web surfer.

72 de Art

--

Art Searle, WU2K, NY, ARRL Life Member, QRP-L #524, QRP ARCI #9123  
NorCal 1708, DXCC MX & CW HR , NRA Benefactor Life Member,  
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club  
Yosemite Sam "I'm a rootin' tootin' shootin' son of a gun"

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>  
Subject: [1211] RE: QRP/QRO attitudes  
Message-ID: <C7F1ED3101172C16@mhsgate.meth-mem.org>

>  
> From: Kevin Muenzler <wb5rue@amsat.org>  
>  
>On Wednesday, July 17, 1996 4:49 PM, Mike  
>Cloud[SMTP:cloudm@mhsgate.meth-mem.org] wrote:  
>>Fortunately there is room here for the appliance operator  
>>and the ham who not only grinds his own crystals but digs  
>>them out of the ground himself. cul Ron de  
>>Mike, KR4IT  
>  
>Dig 'em out of the ground, eh? How about those of us who have to melt  
>down sand to make our own crystals? I've had rigs that looked like Fred  
>Flinstone  
>built them! You know the type, made out of wood and stone with  
>animal-skin  
>covers.  
>  
>Kevin, WB5RUE  
HI HI, hope you used a solar powered oven in the true spirit of QRP, hi hi. cul de  
Mike, KR4IT

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Kevin Muenzler <wb5rue@amsat.org>  
Subject: [1215] RE: QRP/QRO attitudes  
Message-ID: <01I77NJU91CIA8CFCU@ARWEN.UTHSCSA.EDU>

On Thursday, July 18, 1996 9:11 AM, Mike Cloud[SMTP:cloudm@mhsgate.meth-mem.org] wrote:

>>  
>> From: Kevin Muenzler <wb5rue@amsat.org>  
>>  
>>Dig 'em out of the ground, eh? How about those of us who have to melt  
>>down sand to make our own crystals? I've had rigs that looked like Fred  
>>Flinstone  
>>built them! You know the type, made out of wood and stone with  
>>animal-skin  
>>covers.  
>>  
>>Kevin, WB5RUE  
>HI HI, hope you used a solar powered oven in the true spirit of QRP, hi hi. cul  
de Mike, KR4IT

Nope, no solar power here! In my area I have lots of hickory, oak and mesquite trees.

I had to walk about six miles the last time my pilot light went out! Last time I made a 40 meter crystal it too three weeks! Usually I just wait or lightning to strike the sand out here but since it hasn't rained since about October I've had to resort to mesquite wood fire, using a carved square area in a piece of oak as the crystal form.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: torell@sicom.com (Kent Torell)  
Subject: [1231] Re: QST TRAP DIPOLE  
Message-ID: <v02130501ae14163887d2@[192.91.202.41]>

> I'm having a tough time getting a source for the RG-59  
> poly coax as is needed in this design.

I saw a roll the other day at the local Home Depot! About 10 cents a foot. I didn't check to see if it was the quality stuff...lots of braid shield, non-contaminating, uv stable jacket, etc.



Kent Torell    torell@sicom.com    602-483-2867 x40  
SICOM    7585 E. Redfield, #202    Scottsdale, AZ    85260  
AB70A    TMPS 1996 Qs=015    States=11    Confirmed=01    DX=01  
AK AZ CA CO HI ID KS OK OR TX WA  
VE

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Silvio Cerati <scerati@lrcser.lrcser.it>  
Subject: [1237] Re: RS DSP available  
Message-ID: <199607181856.TAA19379@lrcser.lrcser.it>

At 18:38 07:17:1996 -0400, WD6BOR@aol.com wrote:

>Gang,  
>  
>I've composed replies to a couple of postings asking for the Radio Shack  
>digital signal processor but saw that they had found one before I had a  
>chance to post to the list. I bought an extra when I got mine on closeout and  
>can send it to a good home for the cost of the unit and postage, which should  
>total about \$40.  
>  
>Let me know.  
>  
>Darrel, WD6BOR  
>  
>

Hi Darrel

I am interested but, living a little outside of USA, probably the interest  
is all and only on  
my side. HI !. If not (hopefully) tell me if you can or better will ship me  
the DSP filter  
and how much and what form of money do you think will be sufficient for the  
item (of course)  
and for airmail shipment to Italy. In any case, please keep my best  
regards to you and family  
while I give you all my possible addresses that are:  
Silvio Cerati    i1SU  
Corso Dante 10  
I-12100 Italy  
best 73s  
i1su@iwl1bim.#cn.ipie.ita.eu  
scerati@www.lrcser.it

Silvio with

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>  
Subject: [1228] RE: Strangest form of "natural" power  
Message-ID: <8919EE3101172C16@mhsgate.meth-mem.org>

>  
>But seriously... I was wondering about small portable generators, hand  
>crank type. Anyone had any experiences  
>with them?  
>  
>Kevin, WB5RUE  
>wb5rue@amsat.org  
>  
Hello again Kevin: Not really strange, but prior to this year, when we used my portable PV array for the natural power station at FD, we would talk a new Technician into cranking a stationary bicycle that had a small dc generator attached. I know by direct experience when I was the chosen one that you had to peddle your buns off to get to 5 watts output, hi hi. I can envision all kinds of Rube Goldberg type devices. This should be an interesting thread. cul de Mike, KR4IT

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: George Gingell <k3tk@u1.abs.net>  
Subject: [1203] Re: Ten-Tec 405 Amplifier  
Message-ID: <Pine.BSI.3.93.960718010426.14906B-100000@u1.abs.net>

Brien Pepperdine inquired about the filtering on the Ten-Tec 405 Linear Amplifier and possible use on the WARC Bands.  
I got to wondering myself, so here is what I found from the Ten-Tec Manual.

The Model 405 Linear Amplifier utilizes the latest transistor technology and broadband ferrite transformers to produce 50 watts to the antenna. The basic design is the utmost in simplicity. The amplifier is push-pull and has one transformer to match the transistor input to 50 ohms and one transformer to match the output to 50 ohms.

The amplifier will operate over a frequency range of 3.5 to 30.0 MHz without any tuning or adjustment. The output does however, contain harmonics of the fundamental frequency. The push-pull design reduces the even harmonics to better than 40dB. The odd harmonics must be removed by a simple low pass filter. In the Model 405, four low pass filters are used to cover the range of 3.5 to 30.0 MHz.

The highest frequency filter covers the 15 and 10 meter Amateur bands. The cutoff frequency is 34MHz and this filter is in the circuit at all times. Other filters are selected by the front panel switch for 80, 40 and 20 meters. The low pass filters will allow any frequency up to the cut-off point to be passed without attenuation.

Table 1 shows the relationship between the bands and the upper frequency limits.

BAND	UPPER LIMIT
80	4.5 MHz
40	8.3 MHz
20	17 MHz
15-10	34 MHz

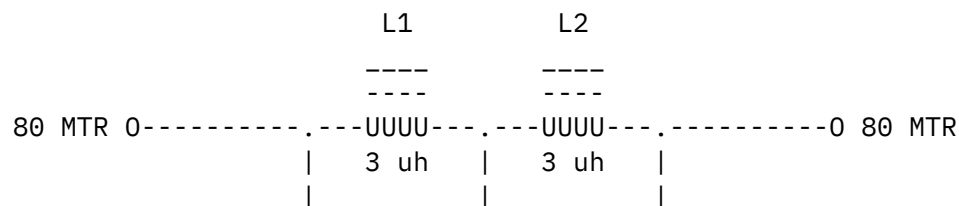
TABLE 1

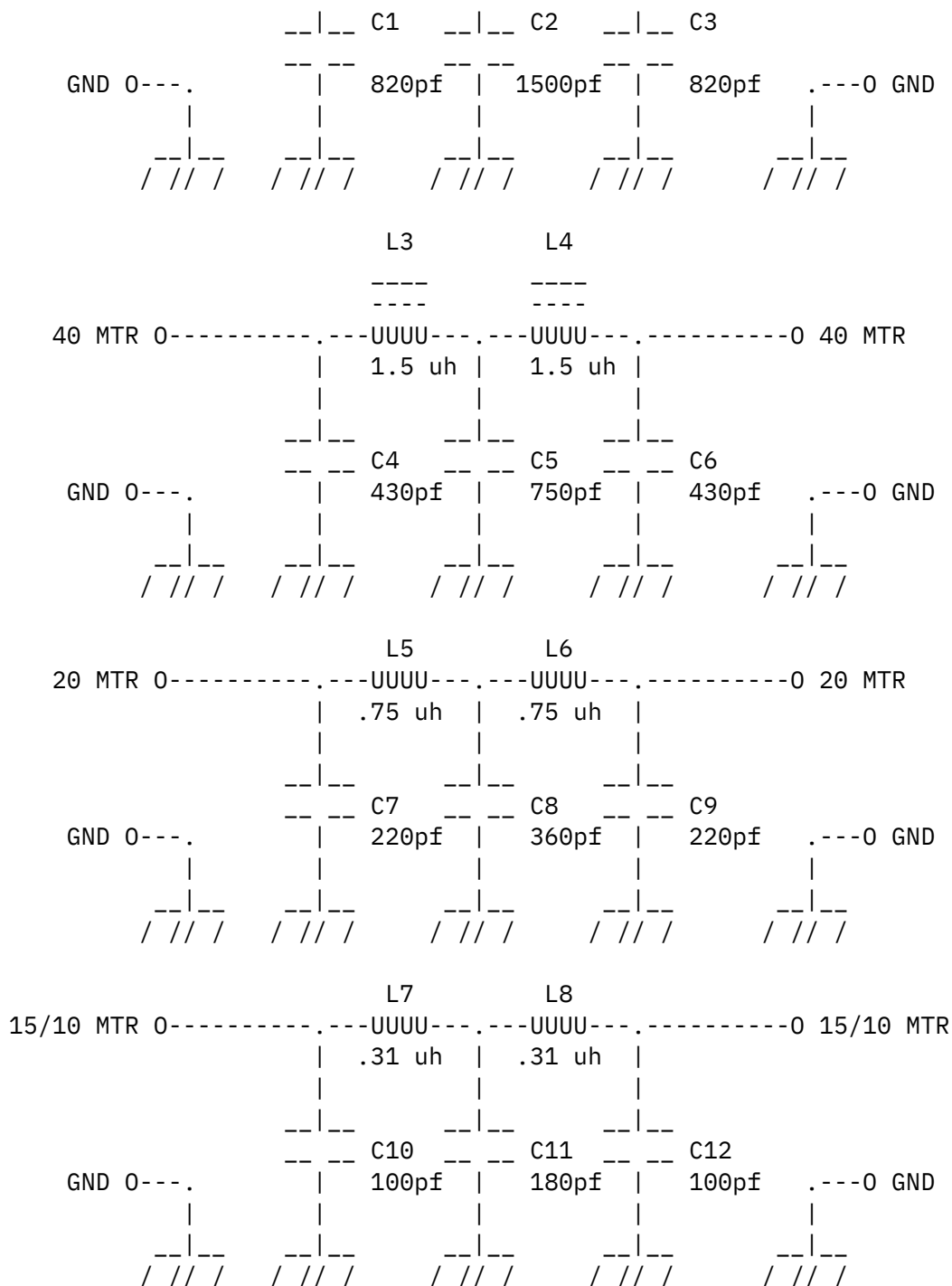
A two pole relay system, actuated by the exciter RF input, is included to switch the antenna from the transceiver input to the linear output, and to switch the transceiver output from the antenna to the linear input. An adjustable release time is provided for VOX operation or semi break-in for CW.

#### SPECIFICATIONS

RF Power Output: 50 Watts  
 DC Power Input: 100 Watts  
 Power Required: 12-14 VDC @ 8A  
 Output Impedance: 50-75 Ohms-unbalanced  
 Drive Required: 1 Watt  
 Input Impedance: Nominally 50 Ohms  
 Frequency Coverage: 80 through 10 meters  
 Distortion Products: Better than -30dB  
 Harmonic Attenuation: Greater than -50dB  
 Cabinet Dimensions: H.W.D. 4 1/2" X 7" X 7 1/2"  
 Construction: Case, Aluminum; Side-panels, Cycloc  
 Net Weight: 2 1/2 lbs.  
 80251 POWER AMP. Q1-Q2 = BLW60/PT5767/PT9796A TRANSISTORS

#### 80162 FILTER S/A (REVISED 7-73)





Pins viewed from top of board.  
Air core coils toward the front.

I would suggest a phone call to Ten-Tec at (615)428-0364 for more details and information as to Core Type and Size (T-68-2, T-68-4) are my guesses. Of course you could open it up and look. No time tonight. It wouldn't be a major job to make some WARC Band Filters and change the

switch if needed. Which is doubtful. QRP DX TU (C)1986, G. Danny Gingell, K3TKS

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Art Searle <asearle@netusa.net>  
Subject: [1210] Re: T05A, VC2AWR ????  
Message-ID: <31EE5D4D.2A3C@netusa.net>

Hi Gang,

Do you have questions about DX prefixes? Read on!

Re: T05A, VC2AWR & Other Confusing DX

>Bob Kellogg, AE4IC wrote:

>

>Sorry for the bandwidth, but can anyone point me to the place

>I can find out where these hams are located? My ARRL book

>doesn't list them.

>

>CUL,

>Bob Kellogg, AE4IC

>Prolably, but not nececelery. - Benny Hill

>

>AE4IC TMPS 1996 QS=61 States=11 Confirmed=3 DX=42

>AL,KS,MD,MI,NC,NH,NY,OH,PA,TN,TX

>3B,9A,DL,EI,EK,F,G,GM,GU,HA,HB,LU,LZ,OK,ON,OH,P,SH,

>SN,SP,TI,TO,U,UA,UR,UT,VA,VC,XE,YO,YS,YT

>

DX prefixes and callsigns can be confusing and it's difficult to stay current.

T05A (Tango Oscar Five Alpha) would be France. There was another station on recently that was T00SW (Tango Zero Zero Sierra Whiskey). I didn't know what this was until I inquired on the DX reflector. T00SW is Italy. So, are you sure that it was Tango Oscar or was it Tango Zero? My guess is you're right with Tango Oscar.

Please allow me to analyze your TMPS DX (This is a standing offer to anyone):

3B - Which? This could be 3B6, 3B8 or 3B9. 3B8 has been active recently.

HB - Remember HB0 is different (and rarer) than plan HB

P - Which? P3, P4 or P5 (super rare North Korea). My guess is P4.

SH - This would be same as SM but I haven't heard this prefix in years.  
Are your sure this wasn't HH? What was whole call?

SN - This is the same DXCC country as SP.

TO - (Tango Oscar) same as F.

U - This could be same as DXCC country UA or it could be something else.  
What was number? What was whole call?

UT - This is same DXCC country as UR.

VA - This is same DXCC country as VE.

VC - This is same DXCC country as VE.

YT - This is probably same DXCC country as YU but I need whole call to be sure.

My best guess of your revised TMPS:

AE4IC TMPS 1996 QS=61 States=11 Confirmed=3 DX=28  
AL,KS,MD,MI,NC,NH,NY,OH,PA,TN,TX  
3B8,9A,DL,EI,EK,F,G,GM,GU,HA  
HB0,HH,K,LU,LZ,OK,ON,OH,P4,SP  
TI,UA,UR,VE,XE,YO,YS,YU

Again, if anyone is unsure of what DXCC country a station worked is please ask me. I keep my logging software (DXBase 4.6) up to date. In most cases all I have to do is type the callsign into this program and it will tell me where it is. If the software and I don't know the answer, I will find out on the DX reflector or the packet cluster or several other sources PDQ.

72, de Art,

WU2K TMPS 1996 Qs=053 States=0 Confirmed=0 DX=046 (5 watts)  
3B8,5N,6W,6Y,8P,9H,9L,CM,CY0,DL  
EA8,EI,ER,ES,EU,F,FG,G,GM,GU  
HA,HB0,HC,HI,HK0S,I,KP4,LA,LU,LZ  
OK,OM,ON,OZ,S5,SP,TI,UA,UR,VE  
XE,YO,YU,Z3,ZF,ZL

--

Art Searle, WU2K, NY, ARRL Life Member, QRP-L #524, QRP ARCI #9123  
NorCal 1708, DXCC MX & CW HR , NRA Benefactor Life Member,  
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club  
Yosemite Sam "I'm a rootin' tootin' shootin' son of a gun"

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Ahlgren@NCSBSR020U.ntc.nokia.com (Ahlgren Jukka (NTC/BS-OU))  
Subject: [1219] RE: T05A, VC2AWR ????  
Message-ID: <1996Jul18.163900.1604.185758@ntcit-mmta7.ntc.nokia.com>

T05A is Martinique, QSL via F6BUM.  
VC prefix belongs to Canada, I don't know the location.

Jukka OH6SC

From owner-qrp-1@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: Art Searle <asearle@netusa.net>  
Subject: [1230] Re: T05A, VC2AWR ????  
Message-ID: <31EE9159.519F@netusa.net>

Ahlgren Jukka (NTC/BS-OU) wrote:

>  
> T05A is Martinique, QSL via F6BUM.  
> VC prefix belongs to Canada, I don't know the location.  
>  
> Jukka OH6SC

I got additional information on T05A from the DX Packet Cluster. And I verified it's location with it's coordinates which put it just off the coast of Guadeloupe.

No it is not Martinique!

T05A is DXCC country Guadeloupe FG! This is an IOTA (Islands-On-The-Air) operation from IOTA Island # NA114 from Les Saintes Island which counts for Guadeloupe for DXCC.

For the record, based solely on the callsign this should be France. The

station should sign T05A/FG for Guadeloupe. This station did operate from Guadeloupe as FG/F6BUM prior to this IOTA operation. He obviously choose T05A to distinguish this operation from the other. As a side note, last year a station sign T05M and was located on ST Pierre-Miquelon which should be FP.

73, de Art

--

Art Searle, WU2K, NY, ARRL Life Member, QRP-L #524, QRP ARCI #9123  
NorCal 1708, DXCC MX & CW HR , NRA Benefactor Life Member,  
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club  
Yosemite Sam "I'm a rootin' tootin' shootin' son of a gun"

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: lve1@inel.gov (Larry V East)  
Subject: [1222] RE: Wayne et al  
Message-ID: <2.2.16.19960718144513.1bc73f6e@134.20.173.29>

You made some good points, about lack of activity and loss of market for HF equipment, but THERE IS NO INDICATION at the present time that 73 magazine is "going down the tubes" (other than, perhaps, the recent decrease in advertisements). Wayne's problems are associated with some of his other business adventures, not "73".

That's how nasty rumors get started...

72, Larry W1HUE/7

From owner-qrp-l@Lehigh.EDU Thu Jul 18 23:38:01 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [1202] Re: What is it ...-.  
Message-ID: <Pine.BSI.3.93.960718010130.14906A-1000000@u1.abs.net>

Paul and Others on the List,

While I will agree that not all Symbols are popular or well recognized by many otherwise competent CW operators. You guys really should take a look at the A.R.R.L. Amateur Radio Handbook once in a while. You would be amazed at what you can learn from it. OBTW not all Handbooks are Created equal. The information is in different places in the new book. For example, Morse Code Character Set is located on page 19-2 in the 1986 and 1988 Handbooks. It is found under the Reference section page 30.37 in the 1996 Handbook. The old books are better they include



Morse Codes for Other Languages in Table 2 on page 19-3 and Morse Cut Numbers on page 19-4. It also discusses Timing of the code and how to calculate code speed.

OBTW - ...-. (SN) means Understood. But, everyone has already told you that. It is the Shifted Error Key on My Keyboard. I always wondered why in the world it was on there. I would have rather had the key to be DE or SX , either of which would be more useful. SX, you say? Yep SX Every one needs SX ! No, not Exclamation ! \$\$\$ (SX = \$) As best as I can tell, there is no Morse Code for Exclamation Point! How about that for trivia? ...-.- is good!

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net